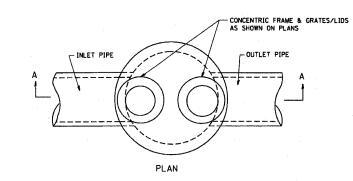
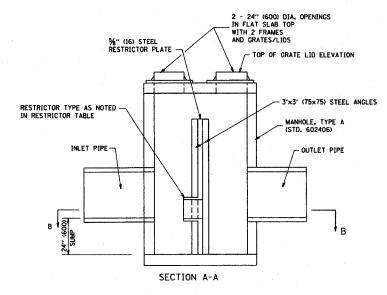
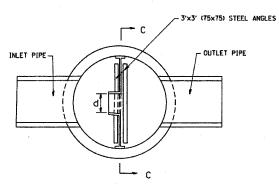
COUNTY TOTAL SHEET SHEET NO. F.A. SECTION TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

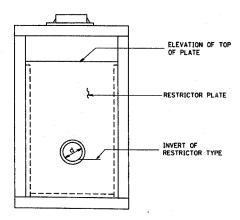




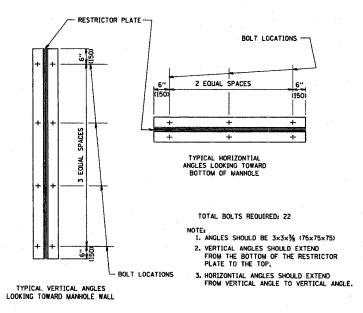
MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLAT OVERFLOW
				·	
		<u> </u>			
				MANHOLE DIAMETER GRATE RESTRICTOR TYPE DIAMETER In. (mm)	MANHOLE DIAMETER GRATE RESTRICTOR TYPE DIAMETER IN. (mm)



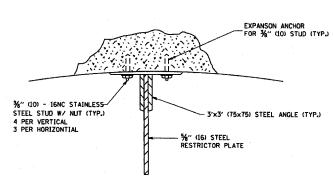
SECTION B-B



SECTION C-C

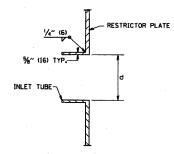


STEEL ANGLE BOLTING DETAILS



ANGLE FASTENER DETAIL

- ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
- 2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
- 3. BASIS OF PAYMENT: "MANHOLES TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

RESTRICTOR TYPE							
1	2	3	4	5	6		
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED		
LENGTH: 1/2 TO 1 DIA		STREAM CLEARS SIDES	LENGTH: 2-1/2 DIA.	LENGTH: 2-1/2 DIA.			
C=.52	C=.61	C=.61	C=.73	C=,82	C=.98		

VALUES OF "C" FOR CIRCULAR
AND SQUARE ORIFICES

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

REVISIO	JNS
NAME	DATE
R. SHAH	09/09/9
R. SHAH	10/25/9
E. GOMEZ	08/28/0
M. GOMEZ	01/08/0

ILLINOIS DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

SCALE: VERT. NONE

DRAWN BY

CHECKED BY BD600-04

DATE NAME SCALE NAME PLOT PLOT USER

(BD-12)